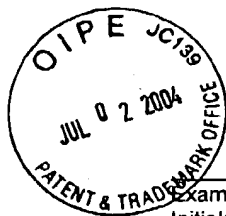


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U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.30304C14
Serial No. 10/603,612
Applicant: H. ARAI et al.
Filing Date: June 26, 2003
Group: 2651



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
TD	4,825,305	04-25-1989	ITOH et al.	(corresponds to JP 63-032767)	

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
TD 63-028143	02-05-1988	Japan		Abstract
63-032767	02-12-1988	Japan		Abstract
62-252288	11-04-1987	Japan		Abstract
64-082711	03-28-1989	Japan		Abstract
TD 64-060171	03-07-1989	Japan		Abstract

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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Form PTO-1449
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Atty. Docket No. 500.30304C14
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Applicant: H. ARAI, et al
Filing Date: on even date
Group: Unassigned

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Examiner Initials	No.	Document	Date	Nam	Class Subclass	Filing Date If Approp.
T.D		4,378,593	03/83	Yamamoto		
		4,542,417	9/85	Ohta		
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation	
				Yes	No
T.D. 61-152180	7/86	Japan			
63-175266	7/88	Japan			
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IEEE Global Telecommunications Conference & Exhibition, Vol. 3, pp. 1729-1734, 1989.

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